|  |  |  |
| --- | --- | --- |
| **WHMIS symbol** | **Risks** | **Precautions** |
| **Compressed Gas** | * heat may cause the container to explode * drop or impact may cause the container to explode | * do not drop or heat * handle with care * store in a designated area |
| **Flammable and Combustible Material** | * a potential fire hazard * may release a flammable gas on contact with water | * keep away from heat sources * avoid sparks and flames * store in cool, fireproof area |
| **Oxidizing Material** | * fire and explosive risk * may burn skin or eyes on contact | * keep away from combustible materials * store in a designated area * wear eye, face, and hand protection as well as protective clothing |
| **Poisonous and Infectious Materials** | * may be fatal or cause permanent damage if inhaled, swallowed, or absorbed through skin * may burn skin or eyes on contact | * work in a well-ventilated area * wear respiratory equipment * avoid contact with skin or eyes * wear protective clothing |
| **Poisonous and Infectious Material Causing Other Toxic Effects** | * may cause death or permanent damage as a result of repeated exposure * may cause irritation to eyes, skin, and lungs * may cause cancer * may cause allergic reaction | * avoid skin or eye contact by wearing protective equipment * work in a well-ventilated area and wear respiratory equipment |
| **Biohazardous Infectious Material** | * includes bacteria, toxins from bacteria, viruses, fungi, and some parasites * may cause anaphylactic shock | * avoid contamination of people and area * avoid breathing vapours * work and store in special areas |
| **Corrosive Material** | * can eat through skin or corrode metals * cause lung damage if inhaled * cause eye and skin irritation on contact | * avoid all direct body contact * wear body, hand, face, and eye protection * work in a well-ventilated area |
| **Dangerously Reactive Material** | * undergo dangerous reactions when subjected to heat, pressure, shock, or contact with water * may burn unexpectedly | * take care when handling * avoid vibration and shocks * do not change the temperature suddenly * store in appropriate, sealed container |